

Amendments to the Abstract:

Please replace the abstract with the amended abstract attached hereto.

Attachment: Amended Abstract

ABSTRACT OF THE DISCLOSURE

A High data rate inter-satellite communications links method for a plurality of satellites comprising providing, for each satellite, an ultrafast time hopping wireless satellite communications link of an allowed bandwidth in which data is transmitted using individual packets or pulses in a sequence of such packets or pulses, causing the individual packets or pulses to be short in duration so that the individual packets are pulsed and signal energy is spread over the allowed bandwidth substantially simultaneously and instantaneously. A time hopping sequential code is used to position the packets or pulses precisely in sequence thereby providing optimum use of frequency space and also providing noninterfering transmission channels due to the orthogonality of the coding scheme used.
